What is claimed is:

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- A method for playing back optical videodisc by using an optical disc drive, the method comprising the following steps:
 - a. reading video a data from an optical videodisc at highest possible speed of the optical disc drive
 - b. storing the video data to a storage device
 - c. halting the operation of the optical disc after the reading process has completed in order to avoid the unnecessary free running during idling time for power saving purpose
 - d. according to a video playing speed, a video play back device continuously acquiring and playing back the video data from the storage device
 - e. outputting the video data to a video display unit
- 15 2. The method for playing back optical videodisc according to claim 1, wherein the said optical videodisc can be a VCD, SVCD or DVD.
 - The method for playing back optical videodisc according to claim
 1,wherein the optical disc drive can be a CD ROM, DVD ROM, CD
 R/W, DVD R/W or DVD RAM.
- 4. The method for playing back optical videodisc according to claim 1, wherein the storage device in step (b) is a hard disc.
 - 5. The method for playing back optical videodisc according to claim 1, wherein the storage device in step (b) is a random access memory (RAM).

- 6. The method for playing back optical videodisc according to claim 1, wherein the said storage device in step (b) is a non-volatile memory.
- 7. The method for playing back optical videodisc according to claim

 1, wherein the step (b) further comprising the following sub-steps:

 simultaneously acquiring and playing back the video data that has

 been stored in the storage device, then outputting the film data to a

 video display unit according to video playing speed.
- 8. The method for playing back optical videodisc according to claim 1, wherein the video display unit in step (e) is a television.
- 9. The method for playing back optical videodisc according to claim 1, wherein the video display unit in step (e) is a monitor.

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